**Crime Mapping and
Data Confidentiality Roundtable
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Outline of Discussion Topics on Security Measures
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Security Technologies

 Encryption
   e-mail, SSL, VPNs
 Access control and authentication
   passwords, biometrics, tokens, digital signatures
 Data integrity and authentication
   digital signatures, integrity checksums
 Firewalls
 Intrusion detection systems
 Anti-viral
 Inference controls
 Vulnerability scanners

Limitations

 Errors and weaknesses in systems
   vendor problems, configuration problems
 Weaknesses in security products
 Remote denial-of-service threats
 Social engineering
 Human factors - user mistakes
   need training and awareness
 Need penetration testing
 Can't eliminate all risk